von Borstel, et al

Serial No.: 08/463,740

been withdrawn.

II. THE OBVIOUSNESS REJECTION

Claims 41 and 58-67 stand rejected under 35 U.S.C. §103 as being unpatentable over von Borstel et al in view of Chu et al. This is the only outstanding rejection in the case. The rejection is traversed for the following reasons.

Claim 41 is directed to a composition comprising (a) an acyl derivative of uridine, cytidine or orotic acid, and (b) an inhibitor of uridine phosphorylase. The remaining claims in the case (Claims 58-67) are composition claims which are dependent, either directly or indirectly, on Claim 41. The claims in this application are not rendered obvious by the combined teachings of von Borstel et al (WO 89/03837) when taken in view of Chu et al (U.S. Patent No. 4,613,604).

The von Borstel et al reference describes acylated derivatives of uridine and cytidine. There is no disclosure in that reference of compositions comprising an acyl derivative of uridine, cytidine or orotic acid and an inhibitor of uridine phosphorylase.

von Borstel, et al

Serial No.: 08/463,740

The Chu et al patent fails to cure this deficiency. Chu et al relate to the

use of uridine phosphorylase inhibitors in order to potentiate the

chemotherapeutic effect of pyrimidine nucleoside analogs, such as 5-

fluorouridine by preventing the degradation of the nucleoside analog, not by

elevating uridine levels. It is clear, therefore, that a person of ordinary skill

would not have been motivated to resort to the combined teachings of von

Borstel et al and Chu et al, to arrive at the compositions as claimed in the

present application. Absent any motivation to combine those disclosures, it is

clear that a prima facie case of obviousness has not been developed in this

case.

Reconsideration and withdrawal of the obviousness rejection is believed

to be in order. Such action is respectfully requested.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By:

eonard 6.

Reg. No. 29.009

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714 Telephone: (703) 816-4000

Facsimile: (703) 816-4100

LCM:lks

- 3 -